Supplementary Online Content

di Giacomo E, Krausz M, Colmegna F, Aspesi F, Clerici M. Estimating the Risk of Attempted Suicide Among Sexual Minority Youths: A Systematic Review and Meta-analysis. *JAMA Pediatr*. Published online October 8, 2018. doi:10.1001/jamapediatrics.2018.2731

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This supplementary material has been provided by the authors to give readers additional information about their work.

eBox. Definitions of Sexual Orientation

- Homosexuality: An enduring pattern of emotional, romantic, and/or sexual attractions to people of the same sex.
- Bisexuality: Romantic attraction, sexual attraction, or sexual behavior toward both males and females.
- Transgender: People who have a gender identity or gender expression that differs from their assigned sex. Transgender people are sometimes called *transexual* if they desire medical assistance seeking hormone replacement and/or other sex reassignment therapies
- Sexual minority: A group whose sexual identity, orientation, and/or practices differ from most of the surrounding society. 1
- Sexual orientation: An enduring pattern of romantic or sexual attraction (or a combination of them) to persons of the opposite sex or gender, the same sex or gender, or both sexes or more than one gender. According to the American Psychological Association, sexual orientation "also refers to a person's sense of identity based on those attractions and related behaviors."²
- Adolescence: (from Latin *adolescere*, meaning "to grow up") A transitional stage of physical and psychological development that generally occurs during the period from puberty to legal age.
- Attempted suicide: "A self-destructive act, deliberately carried out, where there is a clear expectation of death."²

eReferences

- 1. Math SB, Seshadri SP. The invisible ones: sexual minorities. *Indian J Med Res.* 2013;137(1):4-6.
- 2. American Psychological Association. *Diagnostic and Statistical Manual of Mental Disorders*. 5th ed. Washington, DC: American Psychiatric Association; 2013.

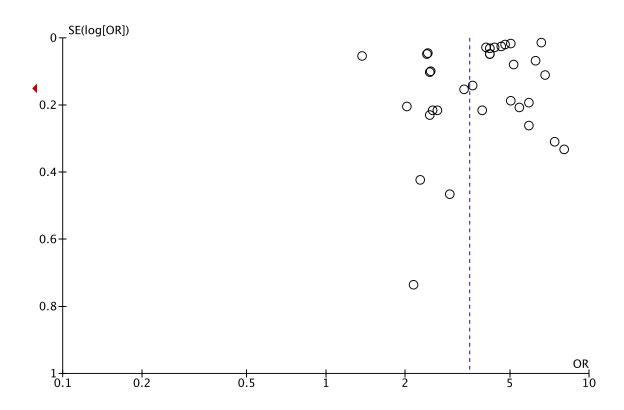
eTable 1. Meta-regression

Univariate Meta-Regression		
	р	R ²
Country where the study has been conducted	<u> </u>	
All the groups	.89	.00
Homosexual	.30	.04
Bisexual	.36	.06
LGB	.21	.25
Country grouping		
All the groups	.05	.11
Homosexual	.73	.01
Bisexual	.84	.01
LGB	.89	.01
The youngest age of the sample	-	
All the groups	.64	.01
Homosexual	.04	.15
Bisexual	<.001	.59
LGB	NA	NA
The oldest age of the sample		
All the groups	.43	.02
Homosexual	.79	.00
Bisexual	.92	.00
LGB	.30	.18
Grouping Year of sampling		
All the groups	.09	.09
Homosexual	.15	.09
Bisexual	.02	.33
LGB	.14	.33
Multivariate Meta-Regression		
	р	R ²
Country - Year grouping		
All the groups	.02	.23
Homosexual	.07	.22
Bisexual	.02	.43
LGB	.17	.51
Year grouping- Grouping Country		
All the groups	.10	.14
Homosexual	.29	.11
Bisexual	.07	.33
LGB	.35	.35
Country-Oldest		

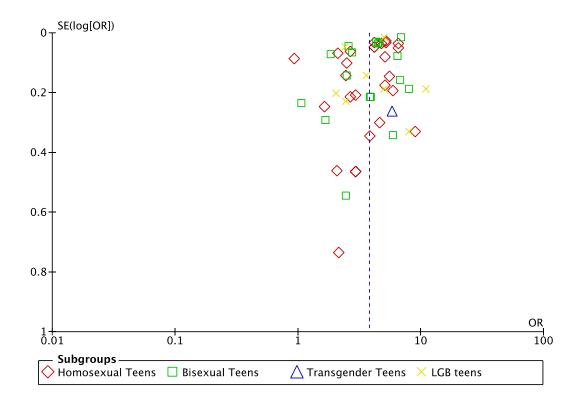
All the groups	.73	.02
Homosexual	.20	.12
	р	R²
Bisexual	.66	.06
LGB	.19	.49
Country-Youngest		
All the groups	.84	.01
Homosexual	.12	.16
Bisexual	<.001	.62
LGB	NA	NA
Grouping Country-Oldest		
All the groups	.05	.17
Homosexual	.96	.00
Bisexual	NA	NA
LGB	.19	.49
Grouping Country-Youngest		
All the groups	.06	.16
Homosexual	.10	.17
Bisexual	NA	NA
LGB	NA	NA
Year Grouping-Oldest		
All the groups	.17	.11
Homosexual	.06	.22
Bisexual	.07	.33
LGB	.23	.45
Year Grouping-Youngest		
All the groups	.02	.17
Homosexual	.05	.23
Bisexual	<.001	.60
LGB	NA	NA
Oldest-Youngest		
All the groups	.68	.02
Homosexual	.13	.15
Bisexual	<.001	.59
LGB	NA	NA
Country- Year grouping-Oldest		
All the groups	.03	.18
Homosexual	.15	.22
Bisexual	.07	.43
LGB	.06	.81
Country- Year grouping-Youngest		
All the groups	.03	.18
Homosexual	.12	.24

Bisexual	<.001	.72
LGB	NA	NA
Country grouping- Year grouping- Oldest		
	р	R²
All the groups	.09	.20
Homosexual	.09	.26
Bisexual	.16	.34
LGB	.06	.80
Country grouping- Year grouping- Youngest		
All the groups	.01	.31
Homosexual	.08	.27
Bisexual	<.001	.60
LGB	NA	NA
Country- Oldest- Youngest		
All the groups	.84	.26
Homosexual	.08	.27
Bisexual	<.001	.62
LGB	NA	NA
Country grouping- Youngest - Oldest		
All the groups	.04	.23
Homosexual	.24	.05
Bisexual	<.001	.59
LGB	NA	NA
Year grouping- Oldest- Youngest		
All the groups	.05	.23
Homosexual	.21	.18
Bisexual	<.001	.60
LGB	NA	NA
Country grouping- Year grouping-youngest - oldest		
All the groups	<.001	.36
Homosexual	.14	.28
Bisexual	.03	.60
LGB	NA NA	NA
Country- Year grouping-youngest - oldest		
All the groups	.01	.29
Homosexual	.22	.24
Bisexual	<.001	.73
LGB	NA NA	NA

eFigure 1. Funnel plot of attempted suicide in sexual minority adolescents compared to heterosexual peers



eFigure 2. Funnel plot of attempted suicide in each group of sexual minority adolescents compared to heterosexual peers



eFigure 3. Forest plot of attempted suicide in each group of sexual minority adolescents compared with heterosexual peers

Study or Subgroup	Sexual Minori Events	ty reen Total	Heterosex Events		Weight M	Odds Ratio M-H, Random, 95% CI	Odds Ratio M-H, Random, 95% Cl
Homosexual Teens					1.50/	0.0014.00.17.17	
Sagley&Trembley, 2000- Minnesota	47	168	13	313	1.3%	8.96 [4.68, 17.16]	
Bostwick et al., 2014	1423	6243	4385	66446	2.4%	4.18 [3.91, 4.47]	
Cotter et al., 2014	6	33	85	1212	0.9%	2.95 [1.18, 7.33]	
Dong-Yun et al., 2016	609	1697	10057	127594	2.3%	6.54 [5.91, 7.24]	
Hatzenbuehler, 2011	59	301	1280	30439	2.0%	5.55 [4.16, 7.42]	_
(ann et al., 2011	323	1640	8721	103821	2.3%	2.67 [2.36, 3.03]	-
anghinrichsen-Rohling et al., 2011	6	33	85	1212	0.9%	2.95 [1.18, 7.33]	
.ee et al., 2016	609	2306	10057	127594	2.3%	4.19 [3.81, 4.61]	
ucassen et al., 2011	10	73	291	7370	1.2%	3.86 [1.96, 7.60]	
Mustanski et al., 2010	11	151	9	246	0.9%	2.07 [0.84, 5.12]	T -
Peter et al., 2016	1178	5354	44796	874124	2.4%	5.22 [4.89, 5.58]	· ·
Reisner et al., 2014	44	219	119	2912	1.8%	5.90 [4.04, 8.61]	
Saewyc et al., 2007-AI90	23	84	1269	6803	1.6%	1.64 [1.01, 2.67]	
Saewyc et al., 2007–BC03	1639	6799	14532	251876	2.4%	5.19 [4.90, 5.50]	•
Saewyc et al., 2007–BC92	1146	3599	15514	232221	2.4%	6.53 [6.07, 7.01]	•
Saewyc et al., 2007-BC98	996	4278	16215	270323	2.4%	4.76 [4.42, 5.11]	· · · · · · · · · · · · · · · · · · ·
Saewyc et al., 2007-MAHS86	65	274	3002	26585	2.1%	2.44 [1.84, 3.24]	_
Saewyc et al., 2007-MN92	169	848	4850	23230	2.2%	0.94 [0.79, 1.12]	+
Saewyc et al., 2007-MN98	315	989	3609	20047	2.3%	2.13 [1.85, 2.45]	-
Saewyc et al., 2007-SE95	29	165	484	7134	1.8%	2.93 [1.94, 4.42]	_
Saewyc et al., 2007-SE99	46	180	467	7482	1.9%	5.16 [3.64, 7.30]	-
Seil et al., 2014	296	1028	575	7882	2.3%	5.14 [4.38, 6.03]	-
Stone et al., 2014	609	2763	2677	42343	2.3%	4.19 [3.80, 4.62]	-
Feasdale&Bradley-Engen, 2010	134	787	905	11911	2.2%	2.50 [2.05, 3.04]	-
Vang et al., 2012	2	64	43	2903	0.5%	2.15 [0.51, 9.05]	
Vichstrøm & Hegna, 2003	30	333	105	2924	1.7%	2.66 [1.74, 4.06]	—
Zhao et al., 2011	17	58	133	1624	1.4%	4.65 [2.57, 8.41]	
Subtotal (95% CI)	1/	40467	133	2258571	50.1%	3.70 [3.17, 4.32]	▲
Fotal events	0041	.0.07	144270		20.1/0	J 0 [J.L/, 7.J2]	•
	9841 If - 26 (B < 0.00	001), 12	144278				
Heterogeneity: Tau² = 0.13; Chi² = 821.52, d Fest for overall effect: Z = 16.50 (P < 0.0000		(001); I ⁻ =	3/70				
Bisexual Teens							
Bagley&Trembley, 2000– Minnesota	34	166	13	212	1 20/	5 04 (3 04 11 63)	
		166		313	1.2%	5.94 [3.04, 11.63]	
Hatzenbuehler, 2011	245	1112	1280	30439	2.3%	6.44 [5.53, 7.50]	¯
Kann et al., 2011	1372	4604	8721	103821	2.4%	4.63 [4.33, 4.95]	
anghinrichsen-Rohling et al., 2011	38	167	85	1212	1.7%	3.91 [2.56, 5.97]	
ucassen et al., 2011	59	270	291	7370	2.0%	6.80 [4.98, 9.29]	
Mustanski et al., 2010	6	70	9	246	0.7%	2.47 [0.85, 7.19]	T -
Peter et al., 2016	5027	18410	44796	874124	2.4%	6.95 [6.72, 7.19]	
Saewyc et al., 2007-AI90	23	117	1269	6803	1.7%	1.07 [0.67, 1.69]	
Saewyc et al., 2007–BC03	1357	6457	14532	251876	2.4%	4.35 [4.08, 4.62]	*
Saewyc et al., 2007–BC92	560	3583	15514	232221	2.3%	2.59 [2.36, 2.84]	
Saewyc et al., 2007-BC98	909	4082	16215	270323	2.4%	4.49 [4.16, 4.84]	· ·
Saewyc et al., 2007-MAHS86	65	269	3002	26585	2.0%	2.50 [1.89, 3.32]	-
Saewyc et al., 2007-MN92	297	900	4850	23230	2.3%	1.87 [1.62, 2.15]	
Saewyc et al., 2007-MN98	373	993	3609	20047	2.3%	2.74 [2.40, 3.13]	-
Saewyc et al., 2007-SE95	29	132	484	7134	1.7%	3.87 [2.54, 5.90]	
Saewyc et al., 2007-SE99	46	132	467	7482	1.9%	8.03 [5.55, 11.63]	-
Zhao et al., 2011	15	115	133	1624	1.4%	1.68 [0.95, 2.98]	
Subtotal (95% CI)		41579		1864850	33.1%	3.69 [2.96, 4.61]	•
Total events	10455		115270				
Heterogeneity: Tau² = 0.19; Chi² = 980.02, d Fest for overall effect: Z = 11.56 (P < 0.0000		001); I ² =	98%				
	-						
Transgender Teens	10	0.5	215	7710	1 50/	5.87 [3.51, 9.82]	
Clark et al., 2014 Subtotal (95% CI)	19	95 95	315	7710 7710	1.5% 1.5%	5.87 [3.51, 9.82] 5.87 [3.51, 9.82]	
	10	93	21-	,,10	1.370	3.07 [3.31, 3.02]	
Fotal events	19		315				
Heterogeneity: Not applicable Fest for overall effect: Z = 6.73 (P < 0.00001	.)						
LGB teens							
	F0	120	165	2625	1 00/	11 04 [7 61 16 61]	
Arnarsson et al., 2015	59	139	165	2635	1.9%	11.04 [7.61, 16.01]	-
Bagley&Trembley, 2000- Massachussets '95	50	128	366	3237	1.9%	5.03 [3.47, 7.29]	-
Bagley&Trembley, 2000 - Massachussets'93	29	105	209	1563	1.7%	2.47 [1.57, 3.88]	
Bagley&Trembley, 2000 - Seattle	68	331	479	7145	2.0%	3.60 [2.71, 4.77]	-
Duncan et Hatzenbuehler, 2014	17	102	26	1071	1.3%	8.04 [4.20, 15.40]	
Eisenberg & Resnick, 2006	811	2255	3694	19672	2.3%	2.43 [2.21, 2.67]	-
ian et al., 2015	29	664	182	8304	1.8%	2.04 [1.37, 3.04]	
/RBS, 2015	6160	22686	13562	196574	2.4%	5.03 [4.86, 5.20]	'
Subtotal (95% CI)		26410		240201	15.2%	4.13 [2.88, 5.94]	◆
Total events	7223 If = 7 (P < 0.000	101)· I² = 0	18683				
leterogeneity: Tau2 - 0.24: Chi2 - 250 04		ю <i>т</i> , г = 9	, 70				
Heterogeneity: $Tau^2 = 0.24$; $Chi^2 = 258.94$, d Test for overall effect: $Z = 7.68$ ($P < 0.00001$.)						
Test for overall effect: Z = 7.68 (P < 0.00001	.)	108551		4371332	100.0%	3,79 [3.40. 4.23]	
Fest for overall effect: Z = 7.68 (P < 0.00001 Fotal (95% CI)	,	108551	279546	4371332	100.0%	3.79 [3.40, 4.23]	•
Test for overall effect: Z = 7.68 (P < 0.00001	27538		278546	4371332	100.0%	3.79 [3.40, 4.23]	0.01 0.1 1 10

AI, National American Indian Adolescent Health Survey; BC, British Columbia Adolescent Health Survey; LGB, lesbian, gay, bisexual; MAHS, Minnesota Adolescent Health Survey; M-H, Mantel-Haenszel; MN, Minnesota Student Survey; NR, not reported; SE, Seattle Adolescent Health Survey; YRBS, Youth Risk Behavior Surveillance System.

eFigure 4. Forest plot of attempted suicide in sexual minority adolescents compared to heterosexual peers according to the country of sampling

tudy or Subgroup	Sexual Minor Events	ity Teen Total	Heterosex Events		Weight	Odds Ratio M-H, Random, 95% CI	Odds Ratio M-H, Random, 95% CI
USA agley&Trembley, 2000– Massachussets '95	50	128	366	3237	2.8%	5.03 [3.47, 7.29]	
agley&Trembley, 2000- Massachussets'93	29	105	209	1563	2.6%	2.47 [1.57, 3.88]	
agley&Trembley, 2000– Minnesota agley&Trembley, 2000– Seattle	81 68	334 331	13 479	313 7145	2.3% 3.0%	7.39 [4.02, 13.58] 3.60 [2.71, 4.77]	
ostwick et al., 2014	1423	6243	4385	66446	3.3%	4.18 [3.91, 4.47]	-
uncan et Hatzenbuehler, 2014	17	102	26	1071	2.2%	8.04 [4.20, 15.40]	
senberg & Resnick, 2006 atzenbuehler, 2011	811 304	2255 1413	3694 1280	19672 30439	3.3% 3.2%	2.43 [2.21, 2.67] 6.24 [5.44, 7.17]	
ann et al., 2011	1695	6244	8721	103821	3.3%	4.06 [3.83, 4.31]	÷
inghinrichsen-Rohling et al., 2011	38	167	85	1212	2.7%	3.91 [2.56, 5.97]	-
eisner et al., 2014 eil et al., 2014	44 296	219 1028	119 575	2912 7882	2.8% 3.2%	5.90 [4.04, 8.61] 5.14 [4.38, 6.03]	
one et al., 2014	609	2763	2677	42343	3.3%	4.19 [3.80, 4.62]	-
easdale&Bradley-Engen, 2010	134	787	905	11911	3.1%	2.50 [2.05, 3.04]	-
RBS, 2015 ubtotal (95% CI)	6160	22686 44805	13562	196574 496541	3.3% 44.3%	5.03 [4.86, 5.20] 4.22 [3.65, 4.87]	•
otal events eterogeneity: Tau² = 0.06; Chi² = 302.90, di			37096 95%				
est for overall effect: $Z = 19.65 (P < 0.0000)$ Canada	1)						
ustanski et al., 2010	17	221	9	246	1.8%	2.19 [0.96, 5.03]	-
eter et al., 2016	6205	23764	44796	874214	3.3%	6.54 [6.35, 6.75]	•
hao et al., 2011 ubtotal (95% CI)	32	173 24158	133	1624 876084	2.7% 7.8%	2.54 [1.67, 3.88] 3.51 [1.57, 7.84]	
otal events	6254		44938	0,000,	11070	5.52 (2.57, 7.6.7)	
eterogeneity: $Tau^2 = 0.44$; $Chi^2 = 25.73$, df est for overall effect: $Z = 3.06$ (P = 0.002)	= 2 (P < 0.000	01); I ² = 92	%				
New Zealand lark et al., 2014	19	95	315	7710	2.5%	5.87 [3.51, 9.82]	
icassen et al., 2011	69	143	291	7370	2.9%	22.68 [16.01, 32.13]	
ubtotal (95% CI)	0.0	238	606	15080	5.3%	11.70 [3.09, 44.25]	
otal events eterogeneity: $Tau^2 = 0.87$; $Chi^2 = 18.31$, df est for overall effect: $Z = 3.62$ (P = 0.0003)	88 = 1 (P < 0.000	1); I ² = 95%	606				
Korea ee et al., 2016	609	2306	10057	127594	3.3%	4.19 [3.81, 4.61]	_
ubtotal (95% CI)		2306		127594	3.3%	4.19 [3.81, 4.61]	•
otal events	609		10057				
eterogeneity: Not applicable est for overall effect: Z = 29.64 (P < 0.0000)	1)						
China & Taiwan an et al., 2015	29	664	182	8304	2.8%	2.04 [1.37, 3.04]	
ubtotal (95% CI)		664		8304	2.8%	2.04 [1.37, 3.04]	•
otal events eterogeneity: Not applicable est for overall effect: Z = 3.49 (P = 0.0005)	29		182				
USA & Canada							
aewyc et al., 2007–Al90 aewyc et al., 2007–BC03	46 2996	6916 13256	1269 14532	6803 251876	3.0% 3.3%	0.03 [0.02, 0.04] 4.77 [4.56, 4.98]	1
aewyc et al., 2007–BC03	1706	7182	15514	232221	3.3%	4.35 [4.11, 4.61]	÷
aewyc et al., 2007-BC98	1905	8360	16215	270323	3.3%	4.62 [4.38, 4.88]	-
aewyc et al., 2007-MAHS86	130	543	3002	26585	3.1%	2.47 [2.02, 3.02]	
aewyc et al., 2007–MN92 aewyc et al., 2007–MN98	466 688	1748 1982	4850 3609	23230 20047	3.3% 3.3%	1.38 [1.23, 1.54] 2.42 [2.19, 2.67]	
aewyc et al., 2007–MN98	58	297	484	7134	3.0%	3.33 [2.47, 4.51]	
aewyc et al., 2007-SE99	138	444	467	7482	3.1%	6.77 [5.43, 8.46]	
ubtotal (95% CI) otal events	8133	40728	59942	845701	28.6%	2.03 [1.26, 3.27]	
eterogeneity: $Tau^2 = 0.52$; $Chi^2 = 2166.45$, of est for overall effect: $Z = 2.92$ ($P = 0.004$)	df = 8 (P < 0.0)	0001); I ² =	100%				
Iceland	2.7	120	105	2625	3 70/	E NO 10 61 0 101	_
rnarsson et al., 2015 ubtotal (95% CI)	37	139 139	165	2635 2635	2.7% 2.7%	5.43 [3.61, 8.16] 5.43 [3.61, 8.16]	
otal events	37		165			,	
eterogeneity: Not applicable est for overall effect: $Z = 8.13$ (P < 0.00001)							
Ireland otter et al., 2014	6	33	85	1212	1.6%	2.95 [1.18, 7.33]	
ubtotal (95% CI)		33		1212	1.6%	2.95 [1.18, 7.33]	
otal events eterogeneity: Not applicable est for overall effect: Z = 2.32 (P = 0.02)	6		85				
Switzerland							
ang et al., 2012	2	64	43	2903	0.9%	2.15 [0.51, 9.05]	
ubtotal (95% CI) otal events	2	64	43	2903	0.9%	2.15 [0.51, 9.05]	
eterogeneity: Not applicable est for overall effect: Z = 1.04 (P = 0.30)	2		43				
Norway						n cotto - to to	
/ichstrøm & Hegna, 2003 ubtotal (95% CI)	30	333 333	105	2924 2924	2.7% 2.7%	2.66 [1.74, 4.06] 2.66 [1.74, 4.06]	
otal events	30	,,,	105	2324	2.7/0	2.00 [1.74, 4.00]	
eterogeneity: Not applicable est for overall effect: Z = 4.53 (P < 0.00001)							
							_
otal (95% CI)		113468		2378978	100.0%	3.50 [2.97, 4.12]	•
otal (95% CI) otal events leterogeneity: Tau ² = 0.21; Chi ² = 3074.36, i	26947		153219	2378978	100.0%	3.50 [2.97, 4.12]	•

eFigure 5. Forest plot of attempted suicide in sexual minority adolescents compared to heterosexual peers according to the grouping of country of sampling

Study or Subgroup	Sexual Minori Events	ty Teen Total	Heterosex Events		Weight	Odds Ratio M-H, Random, 95% CI	Odds Ratio M–H, Random, 95% CI
North America & Canada						, , , , , , , , , , , , , , , , , , , ,	
Bagley&Trembley, 2000- Massachussets '95	50	128	366	3237	2.8%	5.03 [3.47, 7.29]	
Bagley&Trembley, 2000- Massachussets'93	29	105	209	1563	2.6%	2.47 [1.57, 3.88]	
Bagley&Trembley, 2000- Minnesota	81	334	13	313	2.3%	7.39 [4.02, 13.58]	
Bagley&Trembley, 2000- Seattle	68	331	479	7145	3.0%	3.60 [2.71, 4.77]	
Bostwick et al., 2014	1423	6243	4385	66446	3.3%	4.18 [3.91, 4.47]	-
Duncan et Hatzenbuehler, 2014	17	102	26	1071	2.2%	8.04 [4.20, 15.40]	
Eisenberg & Resnick, 2006	811	2255	3694	19672	3.3%	2.43 [2.21, 2.67]	-
Hatzenbuehler, 2011	304	1413	1280	30439	3.2%	6.24 [5.44, 7.17]	_
Kann et al., 2011	1695	6244	8721	103821	3.3%	4.06 [3.83, 4.31]	-
Langhinrichsen-Rohling et al., 2011	38	167	85	1212	2.7%	3.91 [2.56, 5.97]	
Mustanski et al., 2010	17	221	9	246	1.8%	2.19 [0.96, 5.03]	-
Peter et al., 2016	6205	23764	44796	874214	3.3%	6.54 [6.35, 6.75]	•
Reisner et al., 2014	44	219	119	2912	2.8%	5.90 [4.04, 8.61]	
Saewyc et al., 2007-AI90	46	6916	1269	6803	3.0%	0.03 [0.02, 0.04]	•
Saewyc et al., 2007-BC03	2996	13256	14532	251876	3.3%	4.77 [4.56, 4.98]	-
Saewyc et al., 2007-BC92	1706	7182	15514	232221	3.3%	4.35 [4.11, 4.61]	→
Saewyc et al., 2007-BC98	1905	8360	16215	270323	3.3%	4.62 [4.38, 4.88]	· ·
Saewyc et al., 2007-MAHS86	130	543	3002	26585	3.1%	2.47 [2.02, 3.02]	
Saewyc et al., 2007-MN92	466	1748	4850	23230	3.3%	1.38 [1.23, 1.54]	-
Saewyc et al., 2007-MN98	688	1982	3609	20047	3.3%	2.42 [2.19, 2.67]	-
Saewyc et al., 2007-SE95	58	297	484	7134	3.0%	3.33 [2.47, 4.51]	
Saewyc et al., 2007-SE99	138	444	467	7482	3.1%	6.77 [5.43, 8.46]	
Seil et al., 2014	296	1028	575	7882	3.2%	5.14 [4.38, 6.03]	
Stone et al., 2014	609	2763	2677	42343	3.3%	4.19 [3.80, 4.62]	-
Teasdale&Bradley-Engen, 2010	134	787	905	11911	3.1%	2.50 [2.05, 3.04]	
YRBS, 2015	6160	22686	13562	196574	3.3%	5.03 [4.86, 5.20]	•
Zhao et al., 2011	32	173	133	1624	2.7%	2.54 [1.67, 3.88]	
Subtotal (95% CI)		109691		2218326	80.7%	3.27 [2.73, 3.92]	•
Total events	26146		141976				
Test for overall effect: Z = 12.79 (P < 0.0000 New Zealand)1)						
Clark et al., 2014	19	95	315	7710	2.5%	5.87 [3.51, 9.82]	
Lucassen et al., 2011	69	143	291	7370	2.9%	22.68 [16.01, 32.13]	
Subtotal (95% CI)		238		15080	5.3%	11.70 [3.09, 44.25]	
Total events	88		606				
Heterogeneity: $Tau^2 = 0.87$; $Chi^2 = 18.31$, df Test for overall effect: $Z = 3.62$ (P = 0.0003)		l); I ² = 95%	5				
Asia							
Lee et al., 2016	609	2306	10057	127594	3.3%	4.19 [3.81, 4.61]	-
Lian et al., 2015	29	664	182	8304	2.8%	2.04 [1.37, 3.04]	
Subtotal (95% CI)		2970		135898	6.0%	3.00 [1.48, 6.09]	
Total events	638		10239				
Heterogeneity: $Tau^2 = 0.24$; $Chi^2 = 11.87$, df Test for overall effect: $Z = 3.05$ (P = 0.002)		5); $I^2 = 92\%$					
North Europe							
Arnarsson et al., 2015	37	139	165	2635	2.7%	5.43 [3.61, 8.16]	
Wichstrøm & Hegna, 2003	30	333	105	2924	2.7%	2.66 [1.74, 4.06]	
Subtotal (95% CI)	50	472	100	5559	5.4%	3.81 [1.88, 7.69]	
Total events	67		270			,,	
Heterogeneity: $Tau^2 = 0.21$; $Chi^2 = 5.73$, $df = 0.21$; $Chi^2 = 0.0002$)	$= 1 (P = 0.02); I^2$	= 83%	270				
Europe							
Cotter et al., 2014	6	33	85	1212	1.6%	2.95 [1.18, 7.33]	
Wang et al., 2012	2	64	43	2903	0.9%	2.95 [1.18, 7.33]	
Subtotal (95% CI)	2	97	43	4115	2.5%	2.69 [1.25, 5.81]	·
Total events	Ω	3,	128	4113	2.5/0	2.05 [1.25, 5.01]	
Heterogeneity: $Tau^2 = 0.00$; $Chi^2 = 0.13$, $df = 0.13$; $Chi^2 = 0.13$;	= 1 (P = 0.72); I ²	= 0%	128				
Total (95% CI)		113468		2378978	100.0%	3.50 [2.97, 4.12]	•
Total events	26947	113400	153219	23,0370	100.076	3.30 [2.37, 7.12]	_
Heterogeneity: $Tau^2 = 0.21$; $Chi^2 = 3074.36$,		000011-12					
Test for overall effect: $Z = 15.13$ (P < 0.0000 Test for subgroup differences: $Chi^2 = 3.98$, of)1)		- 33/0				0.1 0.2 0.5 1 2 5 Favours [sexual minority] Favours [heterosexual]

eFigure 6. Forest plot of attempted suicide in sexual minority adolescents compared to heterosexual peers according to the grouping of year of sampling ^a

tudy or Subgroup	Sexual Minor Events	ity Teen Total	Heterosex Events		Weight	Odds Ratio M-H, Random, 95% Cl	Odds Ratio M-H, Random, 95% CI
'90 agley&Trembley, 2000– Massachussets '95	50	128	366	3237	2.4%	5.03 [3.47, 7.29]	
agley&Trembley, 2000- Massachussets 95 agley&Trembley, 2000- Massachussets'93	30 29	105	209	1563	2.4%	2.47 [1.57, 3.88]	
agley&Trembley, 2000- Massachussets 93	81	334	13	313	1.8%	7.39 [4.02, 13.58]	
	68		479		2.6%		
agley&Trembley, 2000- Seattle		331		7145		3.60 [2.71, 4.77]	
eter et al., 2016	6205	23764	44796	874214	2.9%	6.54 [6.35, 6.75]	·
aewyc et al., 2007-AI90	46	6916	1269	6803	2.5%	0.03 [0.02, 0.04]	1
newyc et al., 2007-BC92	1706	7182	15514	232221	2.9%	4.35 [4.11, 4.61]	T
ewyc et al., 2007-BC98	1905	8360	16215	270323	2.9%	4.62 [4.38, 4.88]	
ewyc et al., 2007-MAHS86	130	543	3002	26585	2.7%	2.47 [2.02, 3.02]	
ewyc et al., 2007-MN92	466	1748	4850	23230	2.9%	1.38 [1.23, 1.54]	-
ewyc et al., 2007-MN98	688	1982	3609	20047	2.9%	2.42 [2.19, 2.67]	-
ewyc et al., 2007-SE95	58	297	484	7134	2.5%	3.33 [2.47, 4.51]	
ewyc et al., 2007-SE99	138	444	467	7482	2.7%	6.77 [5.43, 8.46]	_
easdale&Bradley-Engen, 2010	134	787	905	11911	2.7%	2.50 [2.05, 3.04]	
ibtotal (95% CI)	134	52921	303	1492208	36.6%	2.57 [1.72, 3.85]	
otal events	11704	JEJEI	92178	1132200	30.070	2.57 [1.72, 5.05]	
eterogeneity: $Tau^2 = 0.57$; $Chi^2 = 2981.91$, est for overall effect: $Z = 4.60$ (P < 0.00001)0001); I* =	= 100%				
2000-2005							
ark et al 2014	19	95	315	7710	2.0%	5.87 [3.51, 9.82]	
senberg & Resnick, 2006	811	2255	3694	19672	2.9%	2.43 [2.21, 2.67]	-
ann et al., 2011	1695	6244	8721	103821	2.9%	4.06 [3.83, 4.31]	
newyc et al., 2011	2996	13256	14532	251876	2.9%	4.77 [4.56, 4.98]	
	609	2763	2677	42343	2.9%	4.19 [3.80, 4.62]	
one et al., 2014	000	=. 00			=.5/0		
ang et al., 2012	2	64	43	2903	0.6%	2.15 [0.51, 9.05]	
nao et al., 2011	32	173	133	1624	2.2%	2.54 [1.67, 3.88]	
ubtotal (95% CI)		24850		429949	16.5%	3.70 [2.96, 4.63]	→
otal events	6164		30115				
eterogeneity: $Tau^2 = 0.07$; $Chi^2 = 175.70$, d		$(0.01); I^2 = 9$	7%				
est for overall effect: $Z = 11.46 (P < 0.0000)$	-1)						
2005-2010							
narsson et al., 2015	37	139	165	2635	2.3%	5.43 [3.61, 8.16]	
ostwick et al., 2014	1423	6243	4385	66446	2.9%	4.18 [3.91, 4.47]	_
uncan et Hatzenbuehler, 2014	17	102	26	1071	1.7%	8.04 [4.20, 15.40]	
atzenbuehler, 2011	304	1413	1280	30439	2.8%	6.24 [5.44, 7.17]	_
ann et al., 2011	1695	6244	8721	103821	2.9%	4.06 [3.83, 4.31]	
ee et al., 2016	609	2306	10057	127594	2.9%	4.19 [3.81, 4.61]	_
an et al., 2015	29	664	182	8304	2.3%	2.04 [1.37, 3.04]	
ıcassen et al., 2011	69	143	291	7370	2.4%	22.68 [16.01, 32.13]	
lustanski et al., 2010	17	221	9	255	1.4%	2.28 [0.99, 5.22]	
eter et al., 2016	6205	23764	44796	874214	2.9%	6.54 [6.35, 6.75]	
eisner et al., 2014	44	23704	119	2912	2.4%	5.90 [4.04, 8.61]	
eil et al., 2014	296	1028	575	7882	2.8%	5.14 [4.38, 6.03]	_
one et al., 2014	609	2763	2677	42343	2.9%	4.19 [3.80, 4.62]	
ıbtotal (95% CI)		45249		1275286	32.5%	5.20 [4.32, 6.26]	◆
otal events	11354		73283				
eterogeneity: $Tau^2 = 0.09$; $Chi^2 = 450.96$, dest for overall effect: $Z = 17.50$ (P < 0.0000))001); I ² =	97%				
after 2010							
ee et al., 2016	609	2306	10057	127594	2.9%	4.19 [3.81, 4.61]	
ter et al., 2016	6205	23764	44796	874214	2.9%	6.54 [6.35, 6.75]	
ichstrøm & Hegna, 2003	30	333	105	2924	2.2%	2.66 [1.74, 4.06]	
	6160	22686	13562	196574	2.9%	5.03 [4.86, 5.20]	
RBS, 2015		49089		1201306	11.0%	4.72 [3.80, 5.87]	★
RBS, 2015		.5005					
RBS, 2015 ubtotal (95% CI)	13004	.5005	68520				I I
RBS, 2015 ubtotal (95% CI) otal events eterogeneity: Tau ² = 0.04; Chi ² = 185.32, d	13004 df = 3 (P < 0.000						
R8S, 2015 lbtotal (95% CI) stal events sterogeneity: Tau ² = 0.04; Chi ² = 185.32, d st for overall effect: Z = 13.96 (P < 0.0000	13004 df = 3 (P < 0.000						
RBS, 2015 ubtotal (95% CI) total events eterogeneity: Tau ² = 0.04; Chi ² = 185.32, dest for overall effect: Z = 13.96 (P < 0.0000) NR	13004 df = 3 (P < 0.000 01)	001); I ² = 9	18%	1212	1 2%	2.95 [1 18 7 22]	
RBS, 2015 ubtotal (95% Cl) otal events eterogeneity: Tau ² = 0.04; Chi ² = 185.32, dest for overall effect: Z = 13.96 (P < 0.0000 NR otter et al., 2014	13004 df = 3 (P < 0.000 df)	001); I ² = 9	8%	1212	1.2%	2.95 [1.18, 7.33] 3 91 [2.56, 5.97]	
R8S, 2015 ubtotal (95% CI) stal events eterogeneity: $Tau^2 = 0.04$; $Chi^2 = 185.32$, $distributes$ est for overall effect: $Z = 13.96$ (P < 0.0000 NR butter et al., 2014 anghinrichsen-Rohling et al., 2011	13004 df = 3 (P < 0.000 01)	33 167	18%	1212	2.2%	3.91 [2.56, 5.97]	
RBS, 2015 bbtotal (95% CI) tal events eterogeneity: Tau ² = 0.04; Chi ² = 185.32, d est for overall effect: Z = 13.96 (P < 0.0000 NR NR btotal (95% CI) bbtotal (95% CI)	13004 df = 3 (P < 0.000 d1)	001); I ² = 9	8% 85 85				
R8S, 2015 ubtotal (95% CI) stal events eterogeneity: Tau² = 0.04; Chi² = 185.32, dest for overall effect: Z = 13.96 (P < 0.0000 NR otter et al., 2014 inghinrichsen-Rohling et al., 2011 ubtotal (95% CI) stal events eterogeneity: Tau² = 0.00; Chi² = 0.30, df =	13004 If = 3 (P < 0.000) 6 38 $= 1 (P = 0.58); I^{2}$	33 167 200	8%	1212	2.2%	3.91 [2.56, 5.97]	
R8S, 2015 ubtotal (95% CI) stal events eterogeneity: Tau² = 0.04; Chi² = 185.32, dest for overall effect: Z = 13.96 (P < 0.0000 NR otter et al., 2014 inghinrichsen-Rohling et al., 2011 ubtotal (95% CI) stal events eterogeneity: Tau² = 0.00; Chi² = 0.30, df =	13004 If = 3 (P < 0.000) 6 38 $= 1 (P = 0.58); I^{2}$	33 167 200	8% 85 85	1212	2.2%	3.91 [2.56, 5.97]	
RBS, 2015 ubtotal (95% CI) btal events eterogeneity: Tau² = 0.04; Chi² = 185.32, dest for overall effect: Z = 13.96 (P < 0.0000 NR otter et al., 2014 anghinrichsen-Rohling et al., 2011 ubtotal (95% CI) btal events eterogeneity: Tau² = 0.00; Chi² = 0.30, df est for overall effect: Z = 6.70 (P < 0.00001	13004 If = 3 (P < 0.000) 6 38 $= 1 (P = 0.58); I^{2}$	33 167 200	8% 85 85	1212	2.2% 3.5%	3.91 [2.56, 5.97]	-
RRS, 2015 ubtotal (95% CI) otal events eterogeneity: Tau² = 0.04; Chi² = 185.32, dest for overall effect: Z = 13.96 (P < 0.0000 NR otter et al., 2014 anghinrichsen-Rohling et al., 2011 ubtotal (95% CI) otal events eterogeneity: Tau² = 0.00; Chi² = 0.30, df = est for overall effect: Z = 6.70 (P < 0.00001 otal (95% CI)	13004 if = 3 (P < 0.000 11) 6 38 44 = 1 (P = 0.58); 1 ²	33 167 200	85 85 170	1212 2424	2.2% 3.5%	3.91 [2.56, 5.97] 3.72 [2.53, 5.46]	•
RBS, 2015 ubtotal (95% CI) total events eterogeneity: Tau² = 0.04; Chi² = 185.32, dest for overall effect: Z = 13.96 (P < 0.0000 NR otto	13004 If = 3 (P < 0.000 11) 6 38 44 = 1 (P = 0.58); 1 ²	33 167 200 2 = 0% 172309	85 85 170 264266	1212 2424	2.2% 3.5%	3.91 [2.56, 5.97] 3.72 [2.53, 5.46]	•
RBS, 2015 ubtotal (95% CI) total events eterogeneity: Tau² = 0.04; Chi² = 185.32, dest for overall effect: Z = 13.96 (P < 0.0000 NR otter et al., 2014 anghinrichsen-Rohling et al., 2011 ubtotal (95% CI) otal events eterogeneity: Tau² = 0.00; Chi² = 0.30, df = est for overall effect: Z = 6.70 (P < 0.00001) otal (95% CI)	13004 If = 3 (P < 0.000 11) 6 38 44 = 1 (P = 0.58); I ² 42270 df = 39 (P < 0.000)	33 167 200 2 = 0% 172309	85 85 170 264266	1212 2424	2.2% 3.5%	3.91 [2.56, 5.97] 3.72 [2.53, 5.46]	0.1 0.2 0.5 1 2 5 Favours [sexual minority] Favours [heterosexual]